# Mountain Weather Forecast

## Lake District National Park

Forecast valid from 06:00 on Thursday 11 Mar 2021 until 23:59 on Friday 12 Mar 2021

Forecast Issued on Thursday 11 Mar 2021 at 02:30

**Confidence:** High for continuing unsettled with showers or longer periods of rain and snow. Confidence lowering for timing of worst of the weather in the outlook period.

**Headline for Thursday 11 Mar 2021:** Storm force summit winds easing severe gale around dawn. Showers by day.

**Mountain weather hazards on Thursday 11 Mar 2021**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy Snow**<br>No Likelihood | **Storm force winds**<br>Low Likelihood |
| **Gales**<br>High Likelihood | **Severe chill effect**<br>Medium Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>Low Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>Low Likelihood |

| **Weather and chance of precipitation at 800m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Light snow | Fog | Light snow showers | Heavy snow showers | Heavy snow | Light snow |
| Precipitation probability | | | | | |
| 70% | 30% | 30% | 40% | 40% | 30% |

**Forecast for Thursday 11 Mar 2021**

**Weather:** Band of rain, falling as snow above around 900m, crossing from the west overnight, coupled with severe gale to storm force summit winds. Sunshine and scattered showers for Thursday with heavier outbreaks during the afternoon, bringing a risk of hail and thunder. Snow level lowering to around 500m from late morning. Clear spells and scattered showers continuing through the evening.

**Chance of cloud free mountain/hill tops above 800m:** 75% for any given time, but due to the showery nature of the flow 10% or less for the duration of longer walks.

**Visibility:** Generally good becoming moderate or poor in showers, less in later snow showers and also in cloud which lowers 500-700m sporadically.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

# Mountain Weather Forecast

**Forecast for Thursday 11 Mar 2021**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 57/68 W | 47/58 W | 42/55 W | 41/53 W | 42/54 W | 40/52 W | 41/54 SW |
| **600** | 46/60 W | 40/52 W | 36/49 W | 35/48 W | 34/47 W | 32/45 W | 34/48 W |
| **300** | 19/51 NW | 16/44 W | 15/40 W | 15/39 W | 14/40 W | 13/38 W | 14/39 W |
| **Valley** | 16/47 W | 17/41 W | 17/39 W | 15/35 W | 14/35 W | 15/35 W | 18/38 W |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 0/-10 | -2/-12 | -2/-11 | -2/-11 | -2/-12 | -3/-12 | -3/-12 |
| **600** | 2/-7 | 1/-8 | 1/-7 | 1/-7 | -0/-8 | -0/-9 | -0/-9 |
| **300** | 4/-2 | 3/-2 | 4/-1 | 4/-1 | 2/-3 | 2/-3 | 2/-3 |
| **Valley** | 6/2 | 5/1 | 6/2 | 6/2 | 5/1 | 5/1 | 5/0 |
| **Freezing Level*** | 800m | 600m | 600m | 600m | 500m | 500m | 500m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Storm force summit winds making walking unrealistic overnight, particularly in the driving rain and extensive hill fog. Significant wind chill through the day.

**Forecast for Friday 12 Mar 2021**

**Weather:** Sunshine and well scattered showers by day with snow level around 500m. Band of rain and snow reaching from the west towards midnight.

**Maximum wind:** West or Southwest initially mean 30mph with gusts reaching 45-50mph across most exposed ridges and summits, easing a touch by mid-morning

**Chance of cloud free mountain/hill tops above 800m:** 80% for any given time, but due to the showery nature of the flow 10-20% for the duration of longer walks.

**Visibility:** Generally good becoming moderate or poor in showers, less in snow showers and also in cloud which lowers 500-700m sporadically.

**Temperature:** **Valleys:** Plus 2 Celsius increasing 7 Celsius during the afternoon
**At 800m:** Minus 2-3 Celsius
**Freezing level:** 500-600m

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

# Mountain Weather Forecast

**Ground Conditions Supplement**

Date: Wednesday 10 March 2021. Location: Helvellyn Summit at 1037. Full report: We are continuing to provide the Fell Top Reports for people undertaking their daily local exercise during the lockdown. We would like to remind everyone that Government guidance stipulates that people should only exercise locally to where they live. Here is today's report: Fresh snow fell overnight down to 700m on strong SE winds which veered SW through the morning. As a result, much of the snow settled on predominantly northwest, through north and east-facing slopes above 700m. On the way up Helvellyn from Swirls carpark this morning, the greatest accumulations of snow were encountered above this height on the slopes leading up onto Browncove crags, where knee-deep drifts were present in places. Above this, and onto the Hellvelyn plateau much of the ground is still bare although some drifting is present here too. All of the snow encountered today was wet with rain and sleet falling over the higher tops. Winds are forecast to strengthen through the day and into tomorrow with severe gales across high ground. The freezing level is also forecast to drop to around 700m tomorrow so much of today's wet snow will freeze and ice will begin to form. Anyone venturing into the higher fells tomorrow should expect a very challenging day with a return to winter conditions and be suitably equipped for such. Warm and waterproof clothing including hat & gloves, mountain boots, and additional equipment including a map and compass (and proficiency navigating in difficult conditions), and a survival/group shelter are all essential. Microspikes may also be a useful addition. Anyone planning routes over steep or exposed ground tomorrow is urged to take heed of the wind strength and direction. An ice axe and crampons may be required for such routes. Please be conservative with your plans and know both your limits and also when to turn back. Temperature: plus 0.6 C, Maximum wind speed 30.9 mph, Wind chill: minus 8.5 C, Average wind speed: 29.9 mph

Issued at: 02:30 on Thu 11 Mar 2021


(C) Crown Copyright 2021. All Rights Reserved